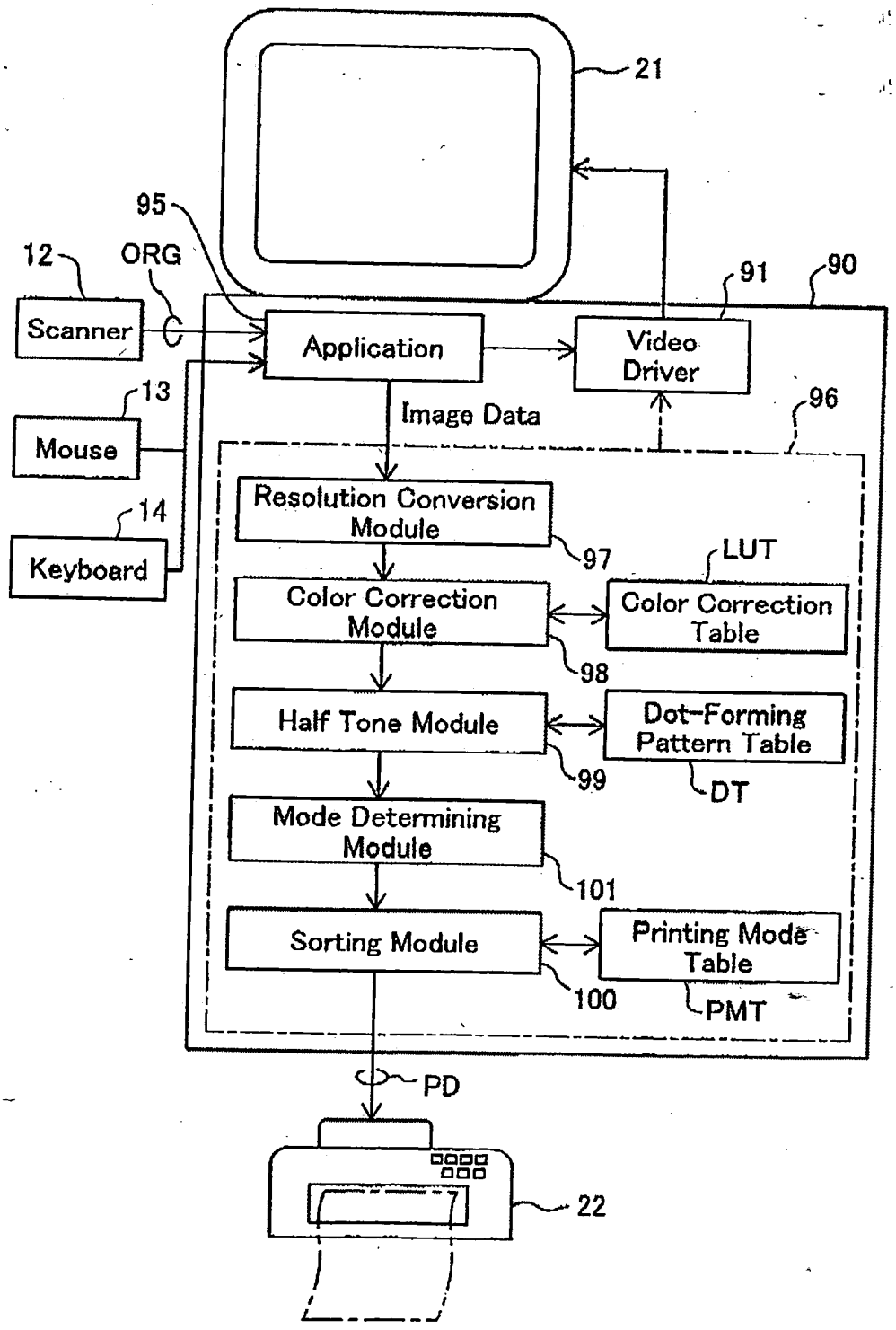
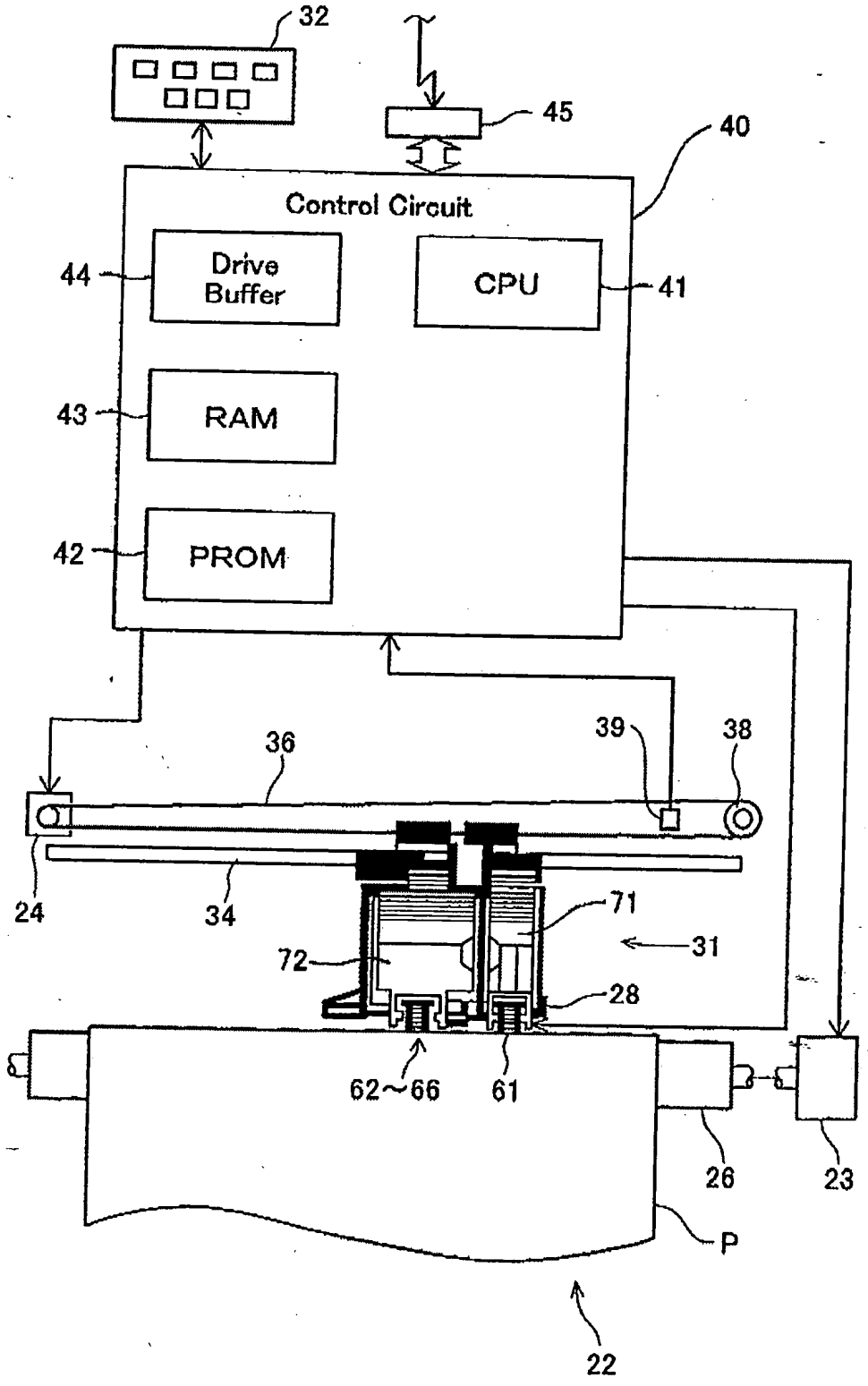
Fig.1


21
95
12
ORG
91
90
Scanner
Application
Video Driver
13
Image Data
96
Mouse
Resolution Conversion Module
14
97
LUT
Keyboard
Color Correction Module
Color Correction Table
98
Half Tone Module
Dot-Forming Pattern Table
99
DT
Mode Determining Module
101
Sorting Module
Printing Mode Table
100
PMT
PD
22

PF04J381

Fig.2



PF04J381

Fig.3

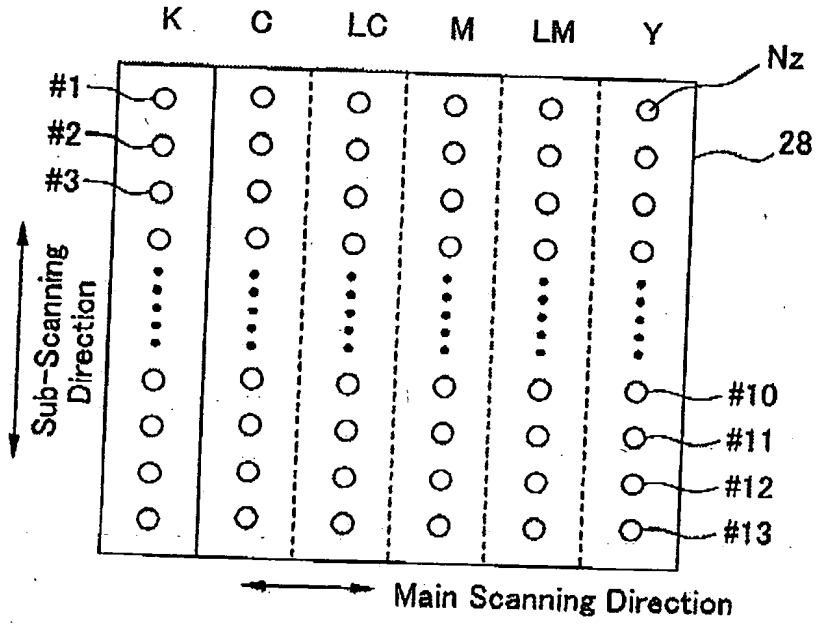


Fig.4

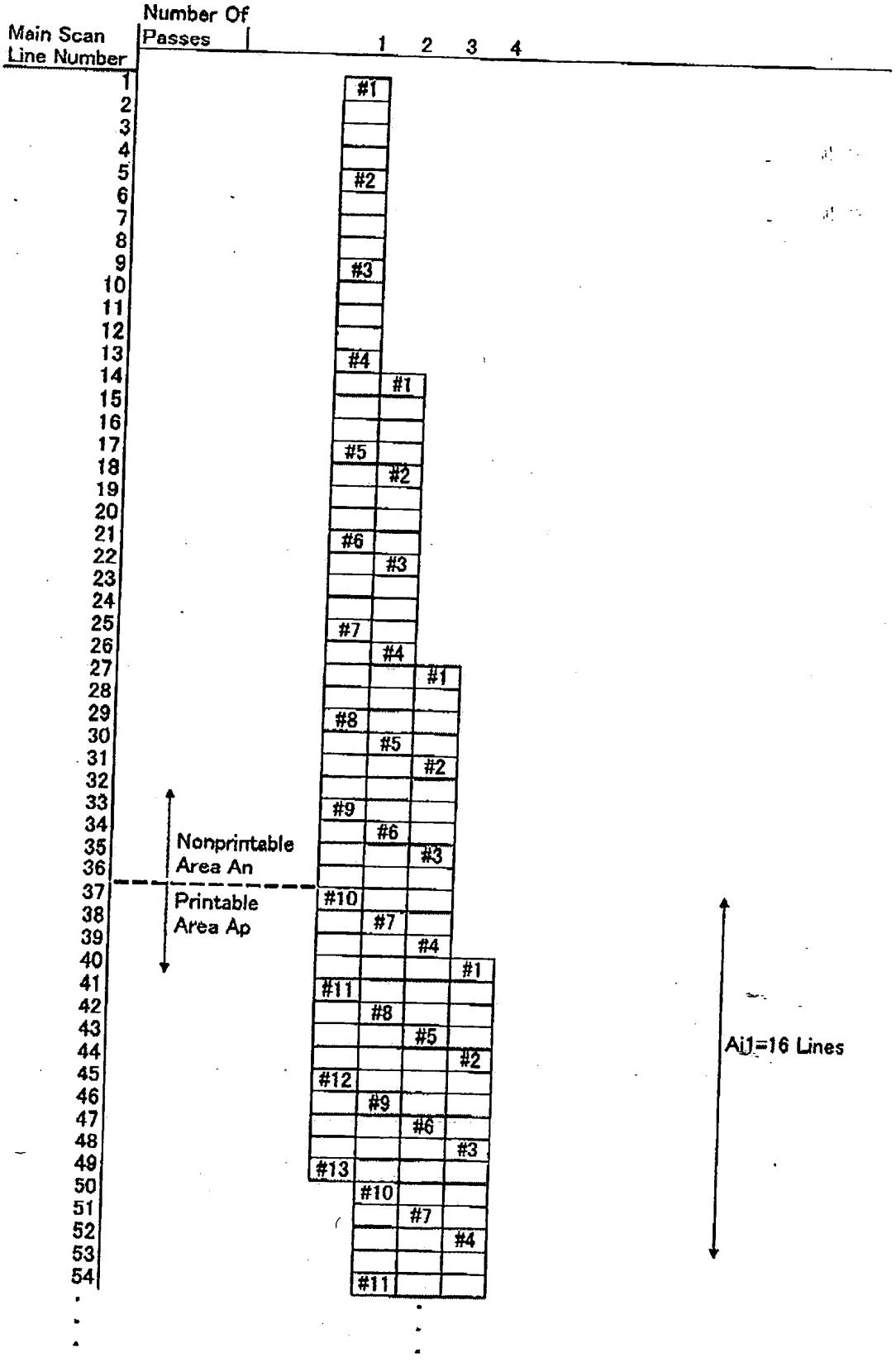
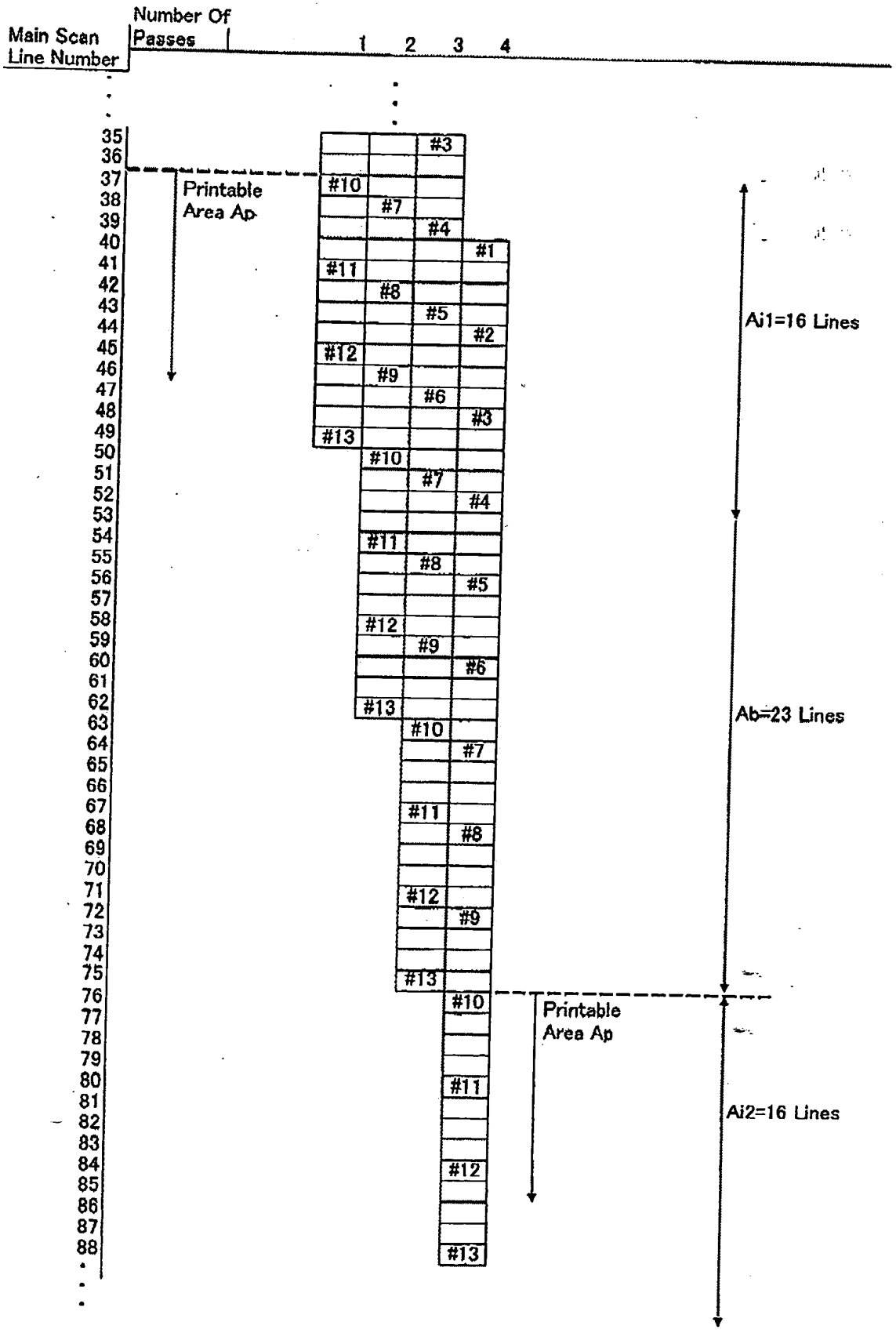

Main Scan Line Number
Number Of Passes
1
2
3
4
Nonprintable Area An
Printable Area Ap
Ai1=16 Lines

Fig.5


Main Scan Line Number
Number Of Passes
1
2
3
4
Printable Area Ap
Ai1=16 Lines
Ab=23 Lines
Printable Area Ap
Ai2=16 Lines
#1
#2
#3
#4
#5
#6
#7
#8
#9
#10
#11
#12
#13

PF04J381

Fig.6

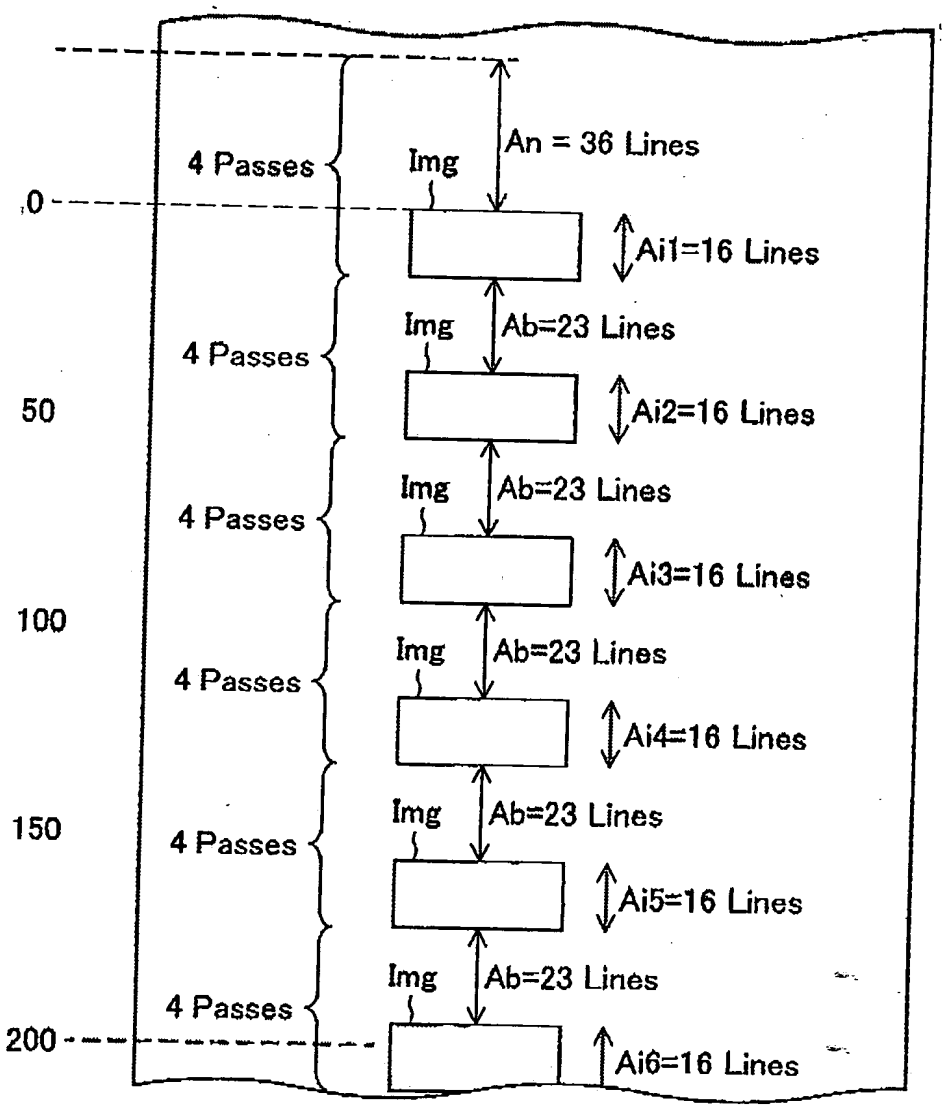
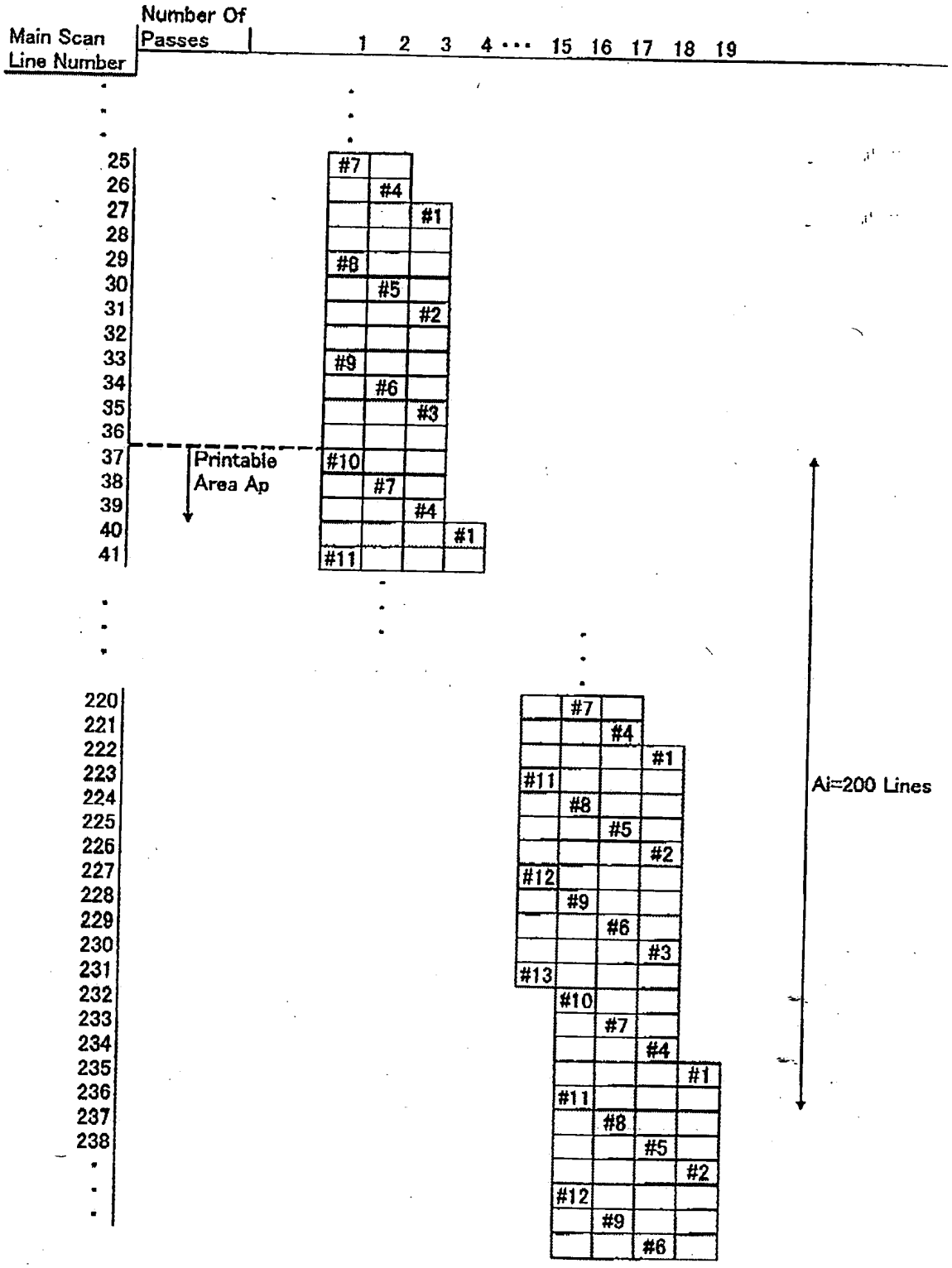
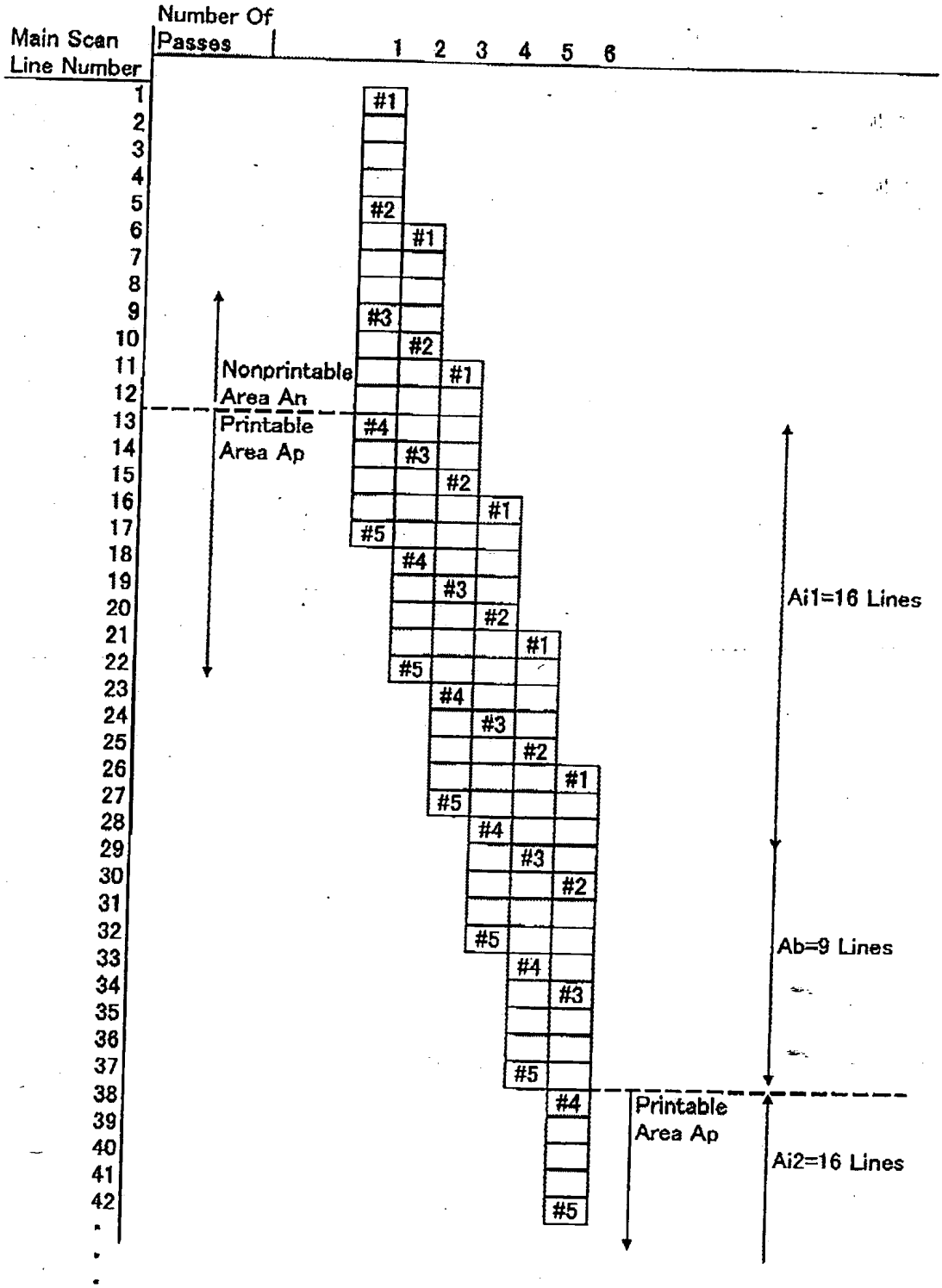


Fig.7


Number Of Passes
Main Scan Line Number
1 2 3 4 ··· 15 16 17 18 19
Printable Area Ap
Ai=200 Lines

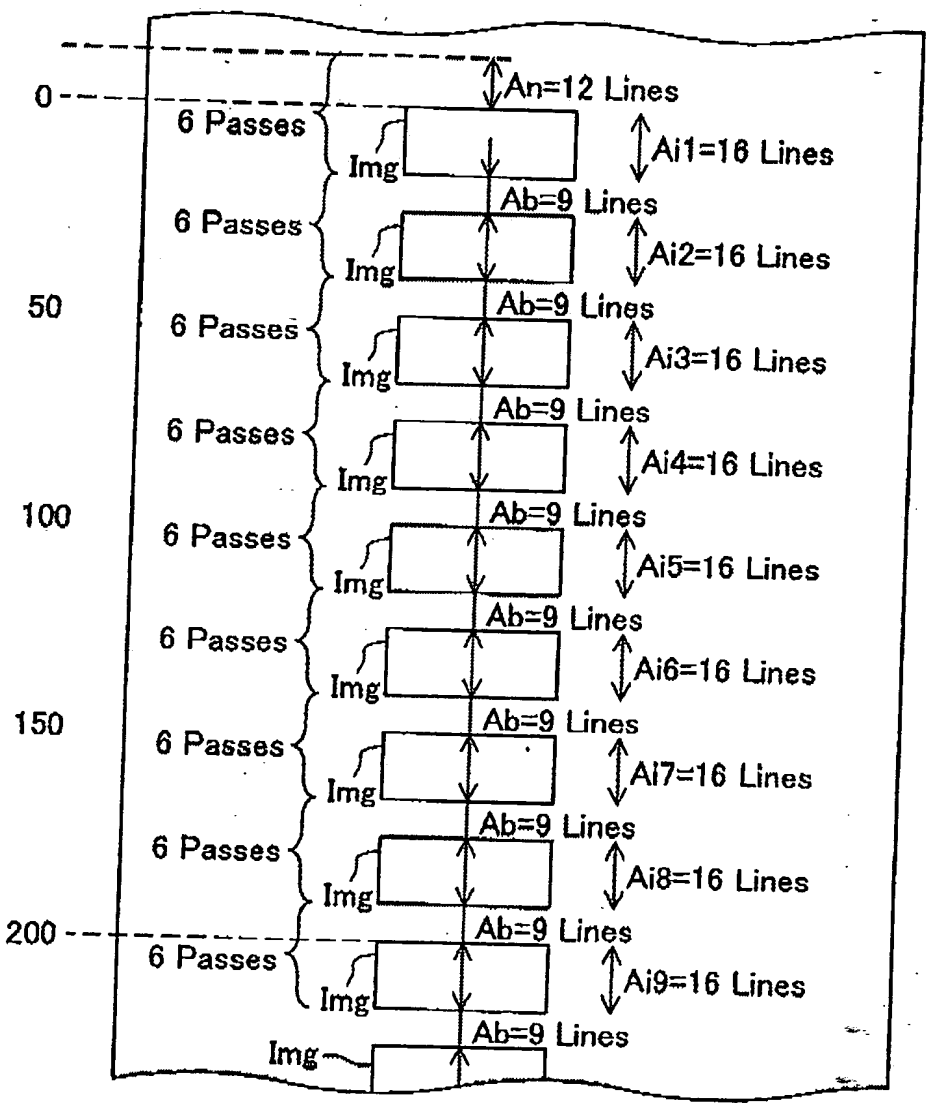
PF04J381

Fig.8



PF04J381

Fig.9



PF04J381

Fig.10

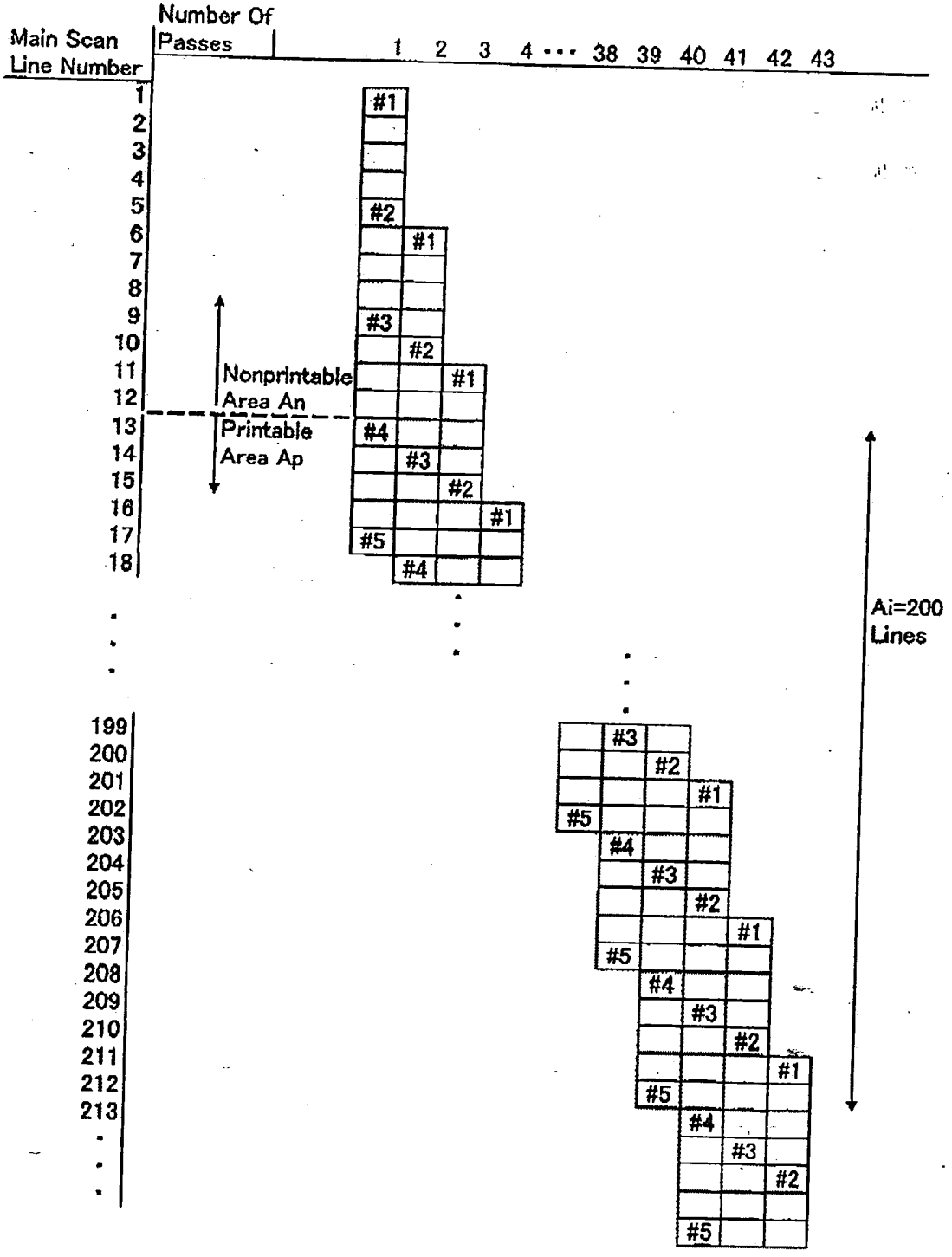
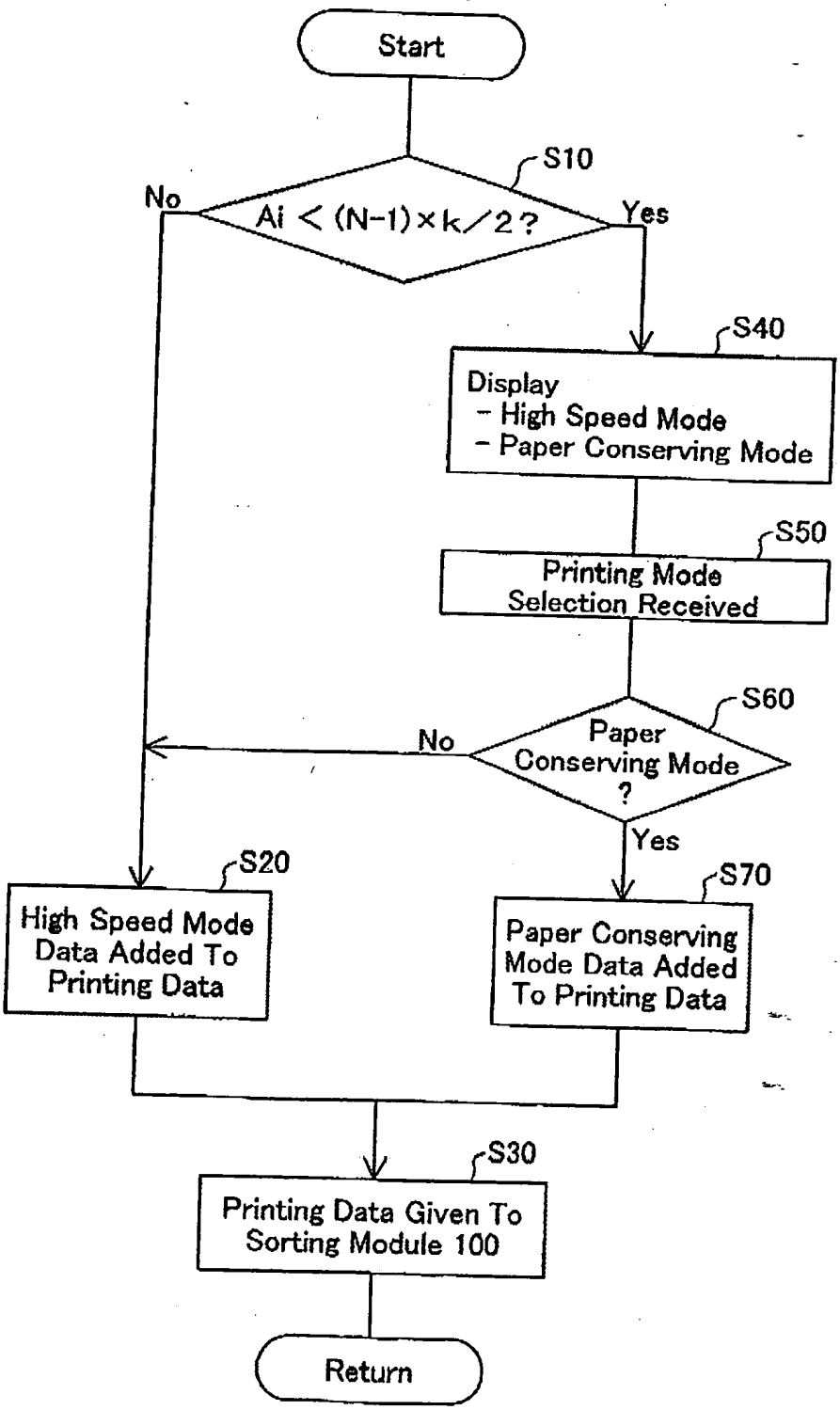


Fig.11

	Number Of Nozzles Used	Feed	16-Line Image Printing		200-Line Image Printing
			Printable Percentage	Average Number Of Processing Passes	Overall Number Of Processing Passes
High Speed Mode	13	13	41.0%	4	19
Paper Conserving Mode	5	5	64.0%	6	43

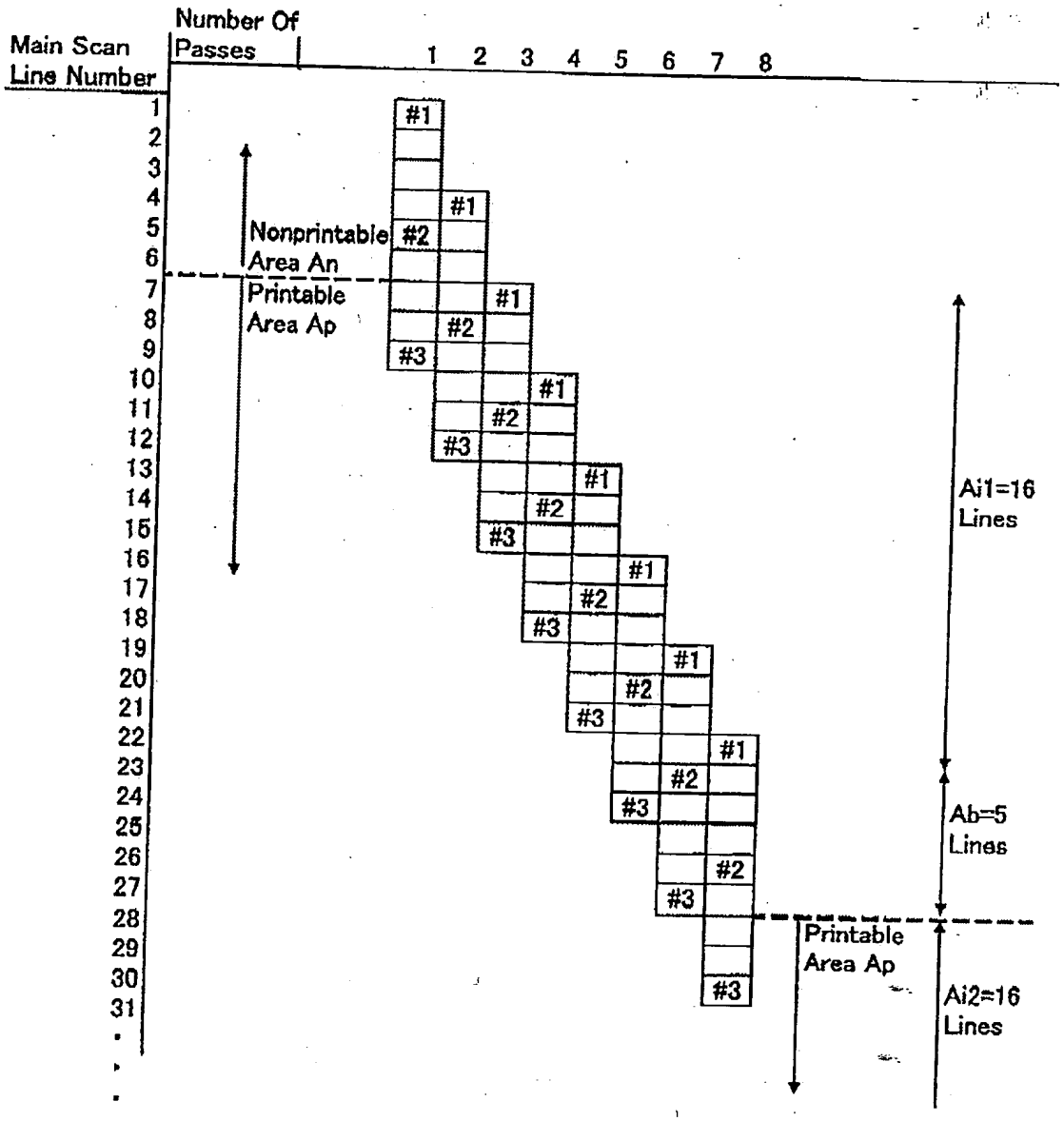
PF04J381

Fig.12



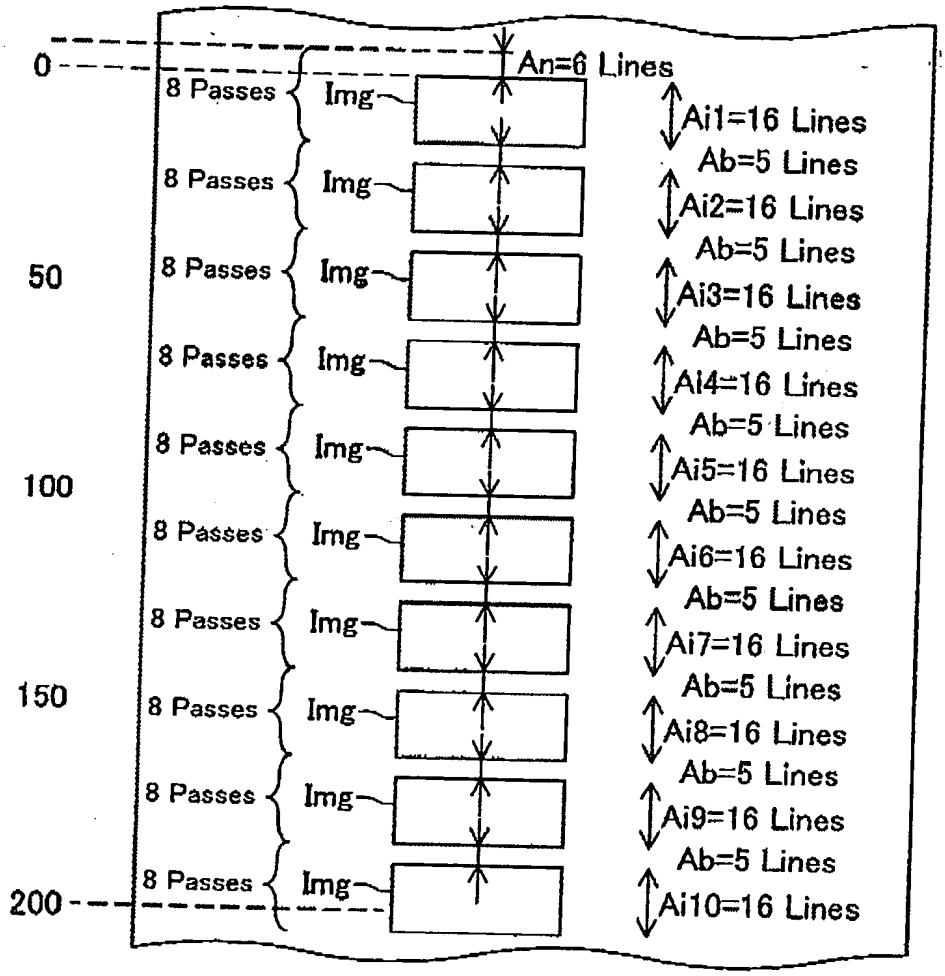
PF04J381

Fig.13



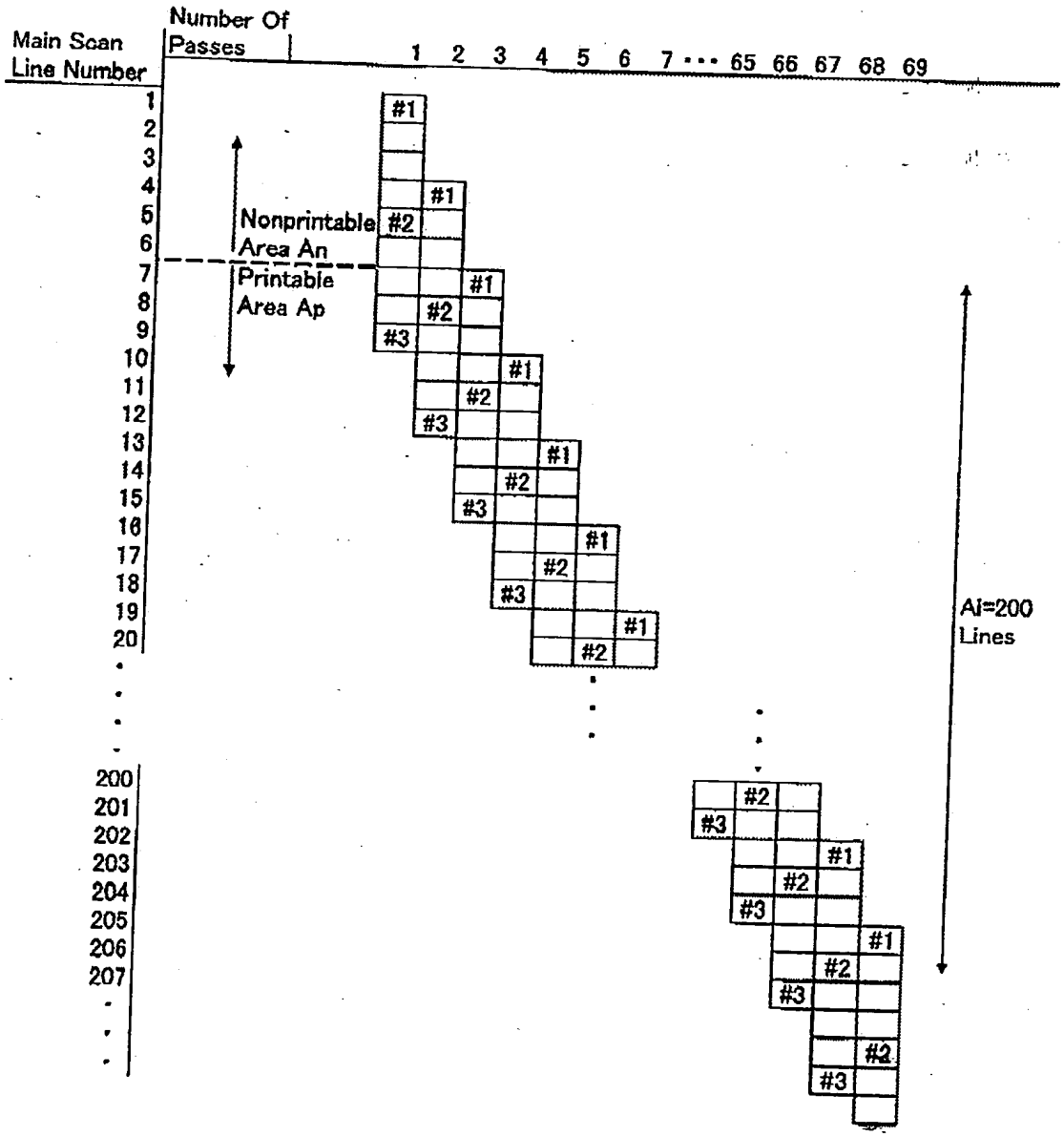
PF04J381

Fig.14



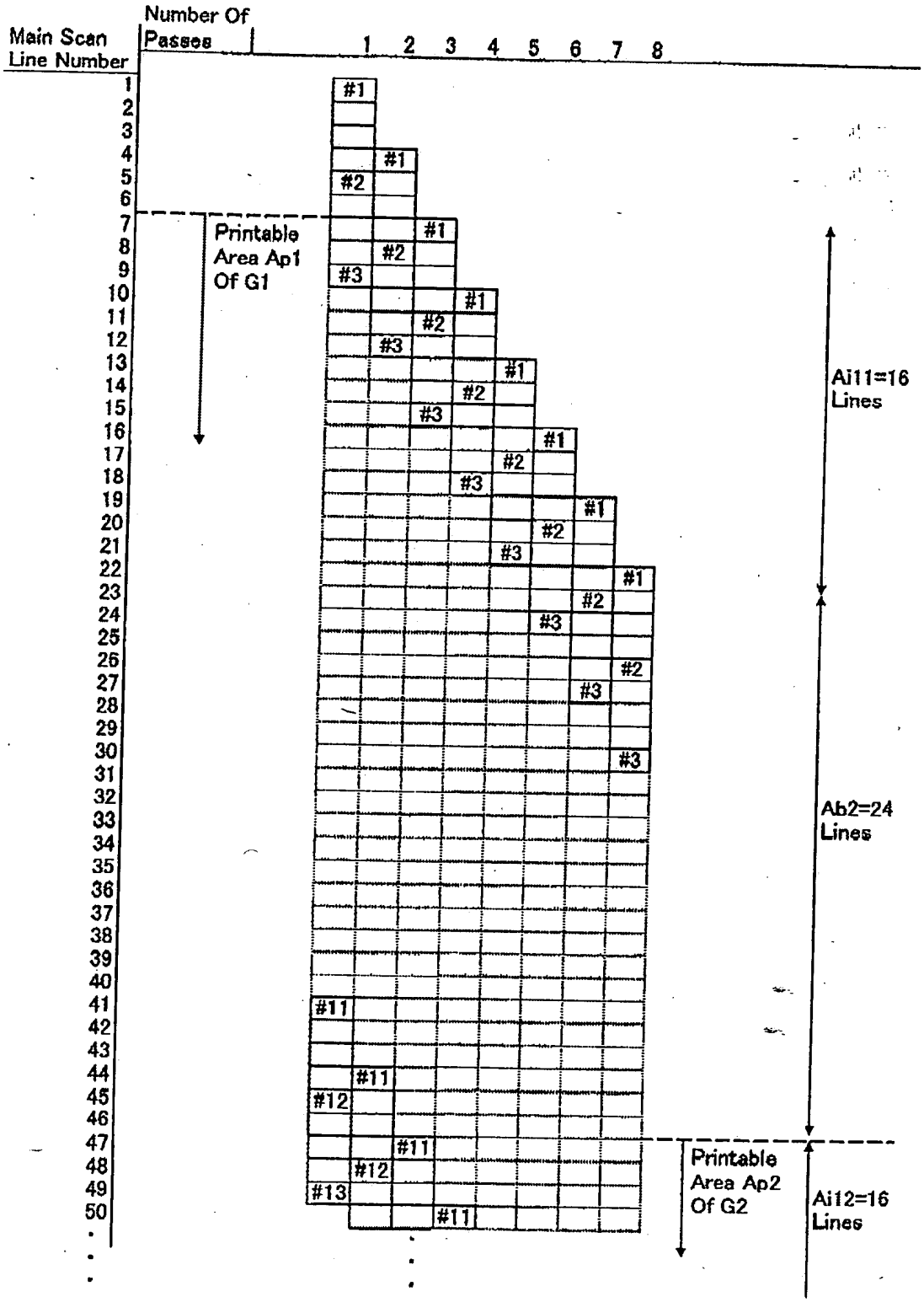
PF04J381

Fig.15



PF04J381

Fig.16



PF04J381

Fig.17

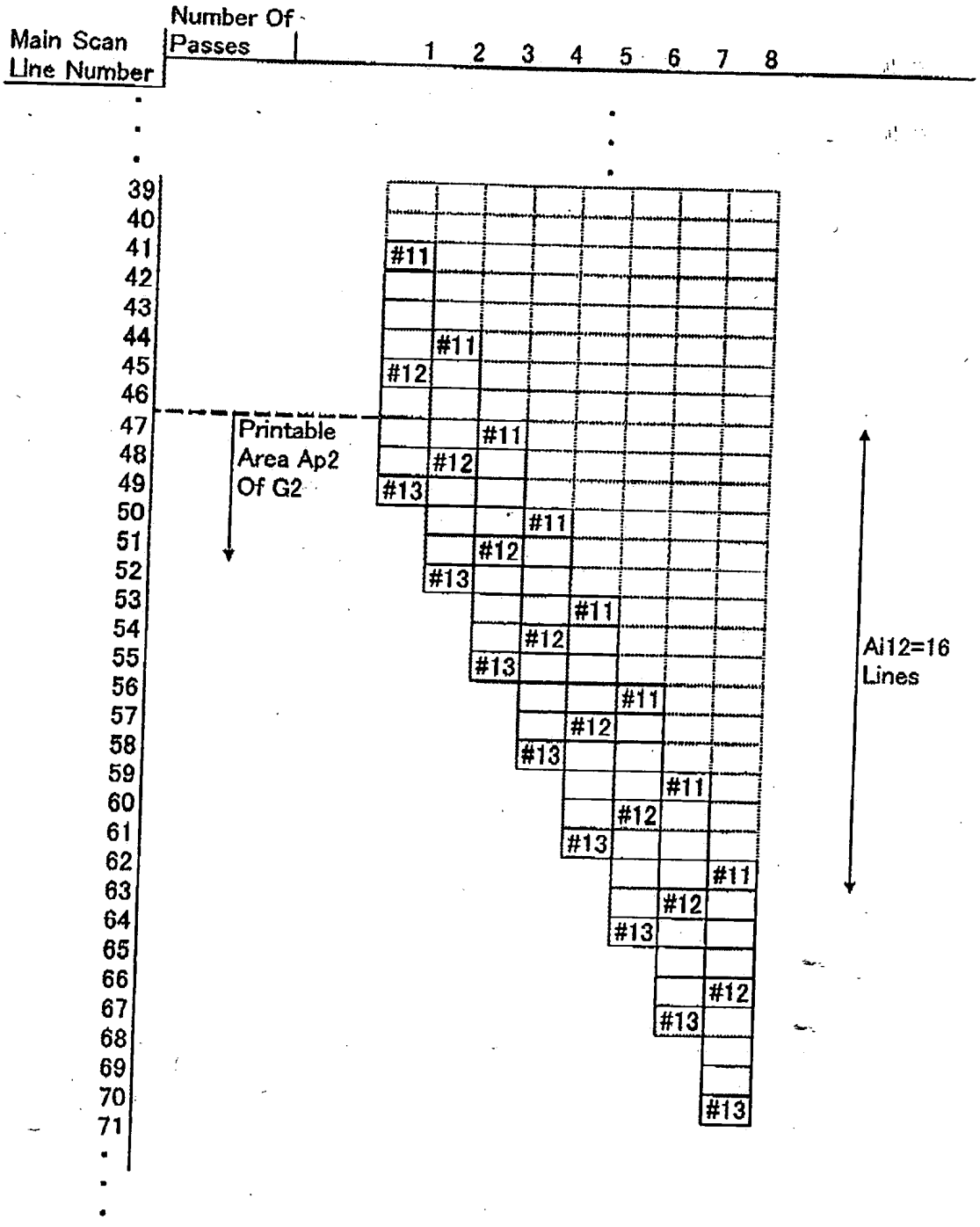


Fig.18

	Number Of Nozzles Used	Feed	16-Line Image Printing		200-Line Image Printing
			Printable Percentage	Average Number Of Processing Passes	Overall Number Of Processing Passes
High Speed Mode	13	13	41.0%	4	19
Paper Conserving Mode	5	5	76.2%	8	69
Divided Mode	3×2	3	-	-	-

	Number Of Nozzles Used	Feed	Two 16-Line Images Printing	
			Overall Feed	Overall Number Of Processing Passes
High Speed Mode	13	13	39 dots	8
Paper Conserving Mode	5	5	42 dots	16
Divided Mode	3×2	3	21 dots	8

PF04J381

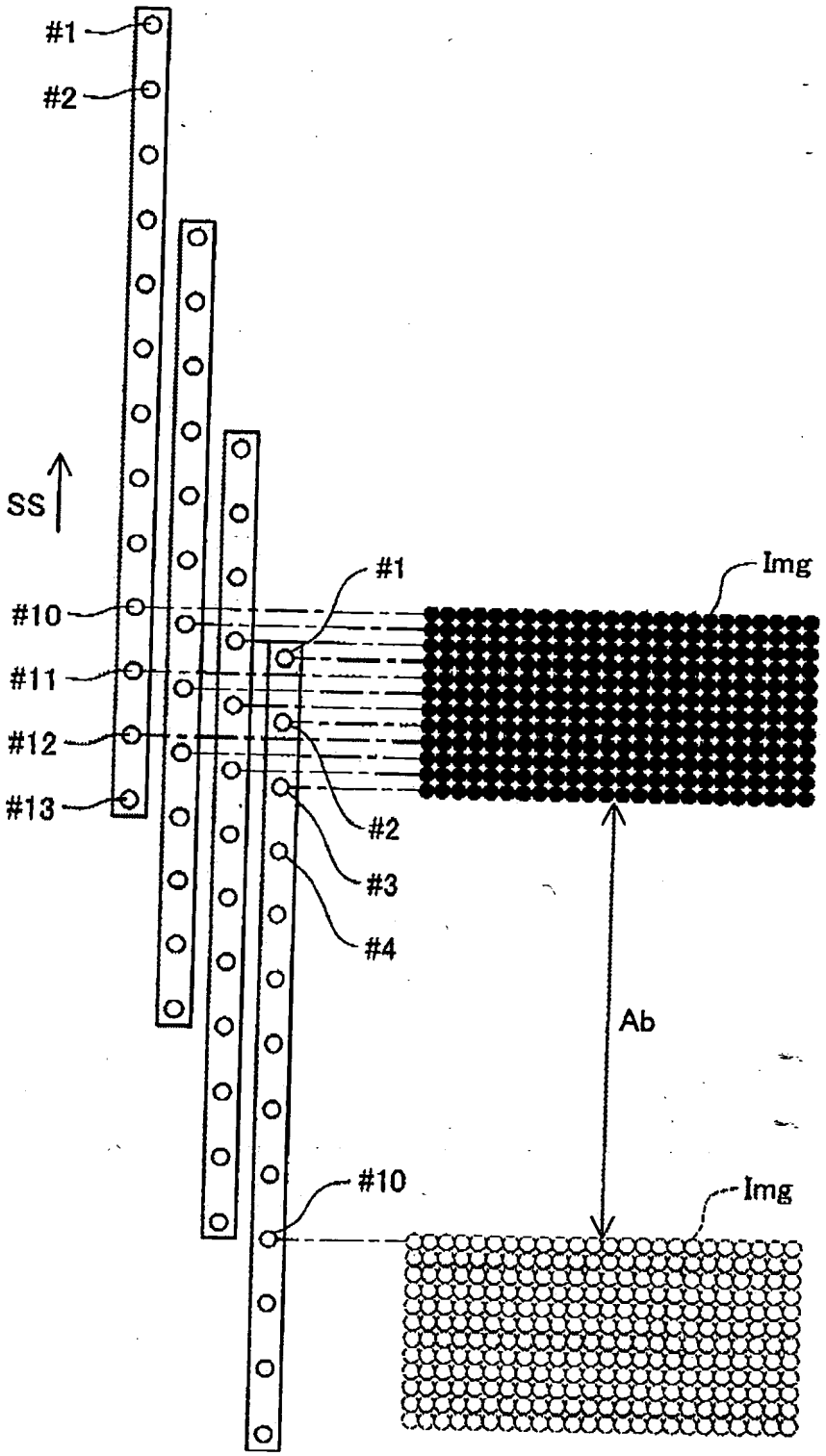



Fig.19